ELSEVIER

Forest Ecology and Management 108 (1998) 321–322

Forest Ecology and Management

Contents of *Forest Ecology and Management*, Volume 108

VOL. 108, NOS. 1–2 **20 AUGUST 1998**

Beaver lodge distributions and damage assessments in a forested wetland ecosystem in the southern United States
S.L. King, B.D. Keeland and J.L. Moore (Lafayette, LA, USA). 1
Costs and benefits of forest management for timber production in eastern Amazonia
P. Barreto, P. Amaral, E. Vidal and C. Uhl (Pará, Brazil) 9
Impacts of introduced large herbivores on *Austrocedrus chilensis* forests in northern Patagonia, Argentina
M.A. Relva (Bariloche, Argentina) and T.T. Veblen (Boulder, CO, USA) 27
Relationships between nitrogen uptake, leaf area, water status and growth in an 11-year-old *Pinus radiata* plantation in response to thinning, thinning residue, and nitrogen fertiliser
J.C. Carlyle (Mount Gambier, Australia) 41
Modelling interactions between trees by means of field observations
A. Särkkä (Gothenburg, Sweden) and E. Tomppo (Helsinki, Finland) 57
Forest recovery in the karst region of Puerto Rico
L.W. Rivera and T.M. Aide (San Juan, Puerto Rico). 63
Fires and dwarf mistletoe in a Rocky Mountain lodgepole pine ecosystem
K.F. Kipfmueller and W.L. Baker (Laramie, WY, USA). 77
Influence of strips of native vegetation on Lepidoptera associated with *Eucalyptus cloeziana* in Brazil
J.C. Zanuncio, J.A. Mezzomo, R.N.C. Guedes and A.C. Oliveira (Minas Gerais, Brazil) 85
Effect of plantation age on diversity and population fluctuation of Lepidoptera collected in *Eucalyptus* plantations in Brazil
T.V. Zanuncio, J.C. Zanuncio, M.M.M. Miranda (Viçosa, Brazil) and
A.G. de Barros Medeiros (Belo Oriente-M.G., Brazil) 91
Effects of thinning on structural development in 40- to 100-year-old Douglas-fir stands in western Oregon
J.D. Bailey and J.C. Tappeiner (Corvallis, OR, USA) 99
Bird communities in logged and unlogged compartments in Budongo Forest, Uganda
I. Owiunji (Kampala, Uganda) and A.J. Plumptre (Oxford, UK) 115
Growth and biomass distribution of cherrybark oak (*Quercus pagoda* Raf.) seedlings as influenced by light availability
E.S. Gardiner (Stoneville, MS, USA) and J.D. Hodges (Memphis, TN, USA) 127
Dendroecological analysis of a *Fitzroya cupressoides* and a *Nothofagus nitida* stand in the Cordillera Pelada, Chile
M.S. Devall (Stoneville, MS, USA), B.R. Parresol (Asheville, NC, USA) and J.J. Armesto (Santiago, Chile). . . . 135
Soil carbon changes from conversion of forest to pasture in Brazilian Amazonia
P.M. Fearnside (Amazonas, Brazil) and R.I. Barbosa (Roraima, Brazil) 147
Identifying climatically suitable areas for growing particular trees in Latin America
T.H. Booth (Canberra, Australia) and P.G. Jones (Cali, Colombia) 169

VOL. 108, NO. 3 **26 AUGUST 1998**

Tropical leguminous species for acid soils: studies on plant form and growth in Costa Rica
F. Tilki (Artvin, Turkey) and R.F. Fisher (College Station, TX, USA) 175
The role of the bark beetle *Cryphalus trypanus* in the transmission of the vascular wilt pathogen of takamaka (*Calophyllum inophyllum*) in the Seychelles
D. Wainhouse (Surrey, UK), S. Murphy (Ascot Berks, UK), B. Greig, J. Webber (Surrey, UK)
and M. Vielle (Mahé, Seychelles) 193

Effects of experimental acidification, nitrogen addition and liming on ground vegetation in a mature stand of Norway spruce (*Picea abies* (L.) Karst.) in SE Sweden
L. Hallbäcken (Uppsala, Sweden) and L.-Q. Zhang (Shanghai, China) 201
False ring formation in teak (*Tectona grandis* L.f.) and the influence of environmental factors
P.B. Priya and K.M. Bhat (Peechi, India) 215
Uncertainty in growth and yield projections due to annual variation of diameter growth
A.S. Kangas (Kannus, Finland) 223
Soil solution chemistry and impact of forest thinning in mountain forests in the Bavarian Alps
R. Baeumler and W. Zech (Bayreuth, Germany) 231
Applicability of a forest simulation model for estimating effects of nitrogen deposition on a forest ecosystem: Test of the validity of a gap-type model
R. Mäkipää (Helsinki, Finland), T. Karjalainen, A. Pussinen (Joensuu, Finland), M. Kukkola (Vantaa, Finland), S. Kellomäki (Joensuu, Finland) and E. Mälkönen (Vantaa, Finland) 239
Harvesting intensity versus sustainability in Indonesia
P. Sist (Jakarta, Indonesia), T. Nolan (Pekanbaru, Indonesia), J.-G. Bertault (Montpellier, France) and D. Dykstra (Jakarta, Indonesia) 251
Variations in mineral nutrient and C distribution in the soil and vegetation compartments of five temperate tree species in NE Sweden
A. Alriksson and H.M. Eriksson (Uppsala, Sweden) 261
Control of bilberry vegetation by steam treatment – effects on seeded Scots pine and associated mycorrhizal fungi
A. Jäderlund, G. Norberg, O. Zackrisson (Umeå, Sweden), A. Dahlberg, D. Teketay (Uppsala, Sweden), A. Dolling and M.-C. Nilsson (Umeå, Sweden) 275
Optimal stand management with endogenous risk of sudden destruction
B.J. Thorsen and F. Helles (Frederiksberg, Denmark) 287
Nutrient relations in healthy and damaged stands of mature oaks on clayey soils: two case studies in northwestern Germany
F.M. Thomas (Göttingen, Germany) and G. Büttner (Grätzelstr, Germany) 301

Contents of *Forest Ecology and Management*, Volume 108 321